

WATER RESOURCE MANAGEMENT

Policies and Successful Strategies

Date: Tuesday, April 18th, 2006
Location: Holiday Inn, Boxboro
Time: 8:00 a.m. – 4:30 p.m.

AGENDA

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| 8:00 - 9:00 | Registration and Breakfast |
| 9:00 - 9:05 | Welcome, Introduction and Overview
<i>Paul Richard, Office of Technical Assistance</i> |
| 9:05 - 9:15 | Opening Remarks
<i>Steve Pritchard, Secretary, Executive Office of Environmental Affairs</i> |
| 9:15 - 9:30 | Massachusetts Water Policy and Water Conservation Standards
<i>Kathy Baskin, EOEА</i> |
| 9:30 - 9:45 | Water Resources in Massachusetts
<i>Peter Weiskel, United States Geological Survey</i> |
| 9:45 - 10:05 | Water and Growth
<i>Martin Pillsbury, Metropolitan Area Planning Council</i> |
| 10:05 – 10:35 | BREAK and Exhibit Viewing |
| 10:35 – 10:45 | OTA and Industrial Water Conservation
<i>Denise Zambrowski, OTA</i> |
| 10:45 - 11:45 | Municipal and Industry – Success Stories
<i>Bob Zimmerman, Charles River Watershed Association</i>
<i>Ed Helmig, Principal Project Engineer, Wyeth BioPharma</i> |
| 11:45 - 1:00 | LUNCH
Guest - Senator Pam Resor
Keynote Speaker - Amy Vickers, Amy Vickers & Associates, Inc. |

Executive Office of Environmental Affairs

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1:00 - 2:30

Breakout session I

1. Technologies for Greater Water Efficiency

Description: Industries need to maintain a flexible manufacturing operation as the water resources that they rely upon become less available. This session will present various water conservation technologies that are currently implemented in Massachusetts industries.

Moderator: Rich Bizzozzero, OTA

Speakers:

Steve Brown, CASTion Corporation

“Water Efficient Cooling Towers with VRTX Non-Chemical Water Treatment”

David Koontz, VRTX Technologies LLC

“Process Water Conservation”

Mike Tomaselli, Filters, Water & Instrumentation Inc

2. Water Reuse for Commercial, Retail, Office, Residential and Recreational Purposes

Description: Across the country and in other parts of the world, treated wastewater is used for irrigation, industrial processes, sanitary purposes, infiltration, outdoor watering, etc. This session will highlight different ways to reuse water and give some real examples of how this has been achieved in Massachusetts.

Moderator: Martin Pillsbury, MAPC

Speakers:

“The Massachusetts Reclaimed Water Program - Experience and New Initiatives”

Alan Slater, MassDEP

“Once is not Enough: A Guide to Water Reuse in Massachusetts”

Sam Cleaves, Metropolitan Area Planning Council

“Water Reuse for Golf Course Irrigation, Yarmouth, MA”

Paul Cabral and David Young, CDM

3. Innovative Approaches to finding “New” Water

As growth and development progresses and water needs increase, it is important for us to be proactive and plan effectively to meet this future demand. Additionally, basins are getting more stressed, and this further limits the amount of water available for human use. This session will look at ‘out-of-the-box’ approaches taken by communities within the Commonwealth to find new water within current capacities.

Moderator: Vandana Rao, EOEa

Speakers:

“The Wilbur School Redevelopment Project, Sharon, MA: Incorporating integrated water management techniques in an LID mixed-use development”

Scott Horsley and Katie Resnick, Horsley Witten Group

“The Greenscapes Program: Beautiful Landscapes That Protect Our Water”

Wendy Garpow and Samantha Woods, North and South River Watershed Association

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“Water Offsets and the Integrated Water Resources Management Plan”

Madelyn Morris, MassDEP

“From Subterranean Saltwater Aquifer to Fresh Water- A "New" Approach For the Town of Hull, Massachusetts and the Ware River Basin”

Gary Smith and Jeff Musich, Wright-Pierce

2:30 – 2:40

BREAK (in Exhibitor Area)

2:40 – 4:10

Breakout session II

4. Best Management Practices for Industries

Description: Identifying opportunities of water conservation within industrial processes requires an overall assessment. This session will describe the value of facility audits and a case study demonstrating a successful team approach to implementing water conservation projects.

Moderator: Denise Zambrowski, OTA

Speakers:

“Water Audits for Industry”

Marsha Gorden, The Resource Technologies Group

“Best Management Practices for Reduction of Water Consumption in Massachusetts Industries”

Cecile Gordon, OTA

“Development of Closed-Loop Water Reuse/System for a Large Wire Extrusion Facility”

Timothy St. Germain, P.E., Fuss & O’Neil

“The Revised Multi Sector General Permit for NPDES and Best Management Practices for Stormwater Management for Industries”

Thelma Murphy, U.S. EPA

5. Water Conservation: What exactly does this mean? How can it be implemented?

Water Conservation is the first step toward being more efficient in terms of water use, freeing up water to alleviate environmental stresses and to meet additional demand. In this session learn how the state and local municipalities are addressing the challenge of meeting current and future water needs through water conservation.

Moderator: Anne Monnelly, Department of Conservation and Recreation (DCR)

Speakers:

“Achieving meaningful conservation through a variety of tactics”

Nan Crossland, Dedham-Westwood Water District

“Addressing Water Demands Associated with Recreational Facilities”

John Kissida, CDM

“The Water Management Act and Promoting Water Conservation”

Duane Levangie, MassDEP

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6. Innovative Stormwater Management

Impervious surfaces, an offshoot of development, cause precipitation to runoff and be transported long distances via storm drains, to either a treatment plant or a water body. This circumvents the natural recharge process and thus prevents the local watershed, streams and rivers of much needed flow. This in turn affects the amount of water available to humans. The session will discuss how innovative stormwater management and Low Impact Development (LID) strategies can be used to treat and recharge stormwater close to its point of origin, with special emphasis on local implementation of these strategies.

Moderator: Sara Cohen, DCR

Speakers:

“Silver Lake, Wilmington, MA: Low Impact Development Retrofit Project”

Steve Roy, Geosyntec Consultants, Inc.

“Creating LID-Friendly Communities through Regulation, Evaluation, and Collaboration”

Tim Reardon, MAPC

“Coming Changes to the Massachusetts Stormwater Policy”

Fred Civian, MassDEP

“Municipal Challenges for Stormwater Management Financing”

Bethany Eisenberg, Vanasse Hangen Brustlin, Inc.

4:10 - 4:30

Networking

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